

1           OUTWARD FACING CAMERA SYSTEM FOR ENVIRONMENT CAPTURE

2

3           Roy T. Hashimoto

4

5

6   ABSTRACT OF THE DISCLOSURE

7           Asymmetrical camera systems, which are adapted to  
8   utilize a greater proportion of the image data from each  
9   camera as compared to symmetrical camera systems, are  
10   disclosed. Specifically, an outward facing camera system in  
11   accordance with one embodiment of the present invention  
12   includes a plurality of equatorial cameras distributed  
13   evenly about an origin point in a plane. The outward facing  
14   camera system also includes a first plurality of polar  
15   cameras tilted above the plane. Furthermore, some  
16   embodiments of the present invention include a second  
17   plurality of polar cameras tilted below the plane. The  
18   equatorial cameras and polar cameras are configured to  
19   capture an complete coverage of an environment.

20

DRAFT - E6E74